

PRODUCT INFORMATION PACKET



Model No: 101924.00

Catalog No: 101924.00

General Purpose Motor, 0.50 & 0.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 208-230/460 V, 1800 & 1500 RPM,
S56C Frame, TEFC

Operational at 208-230/460 V @60HZ



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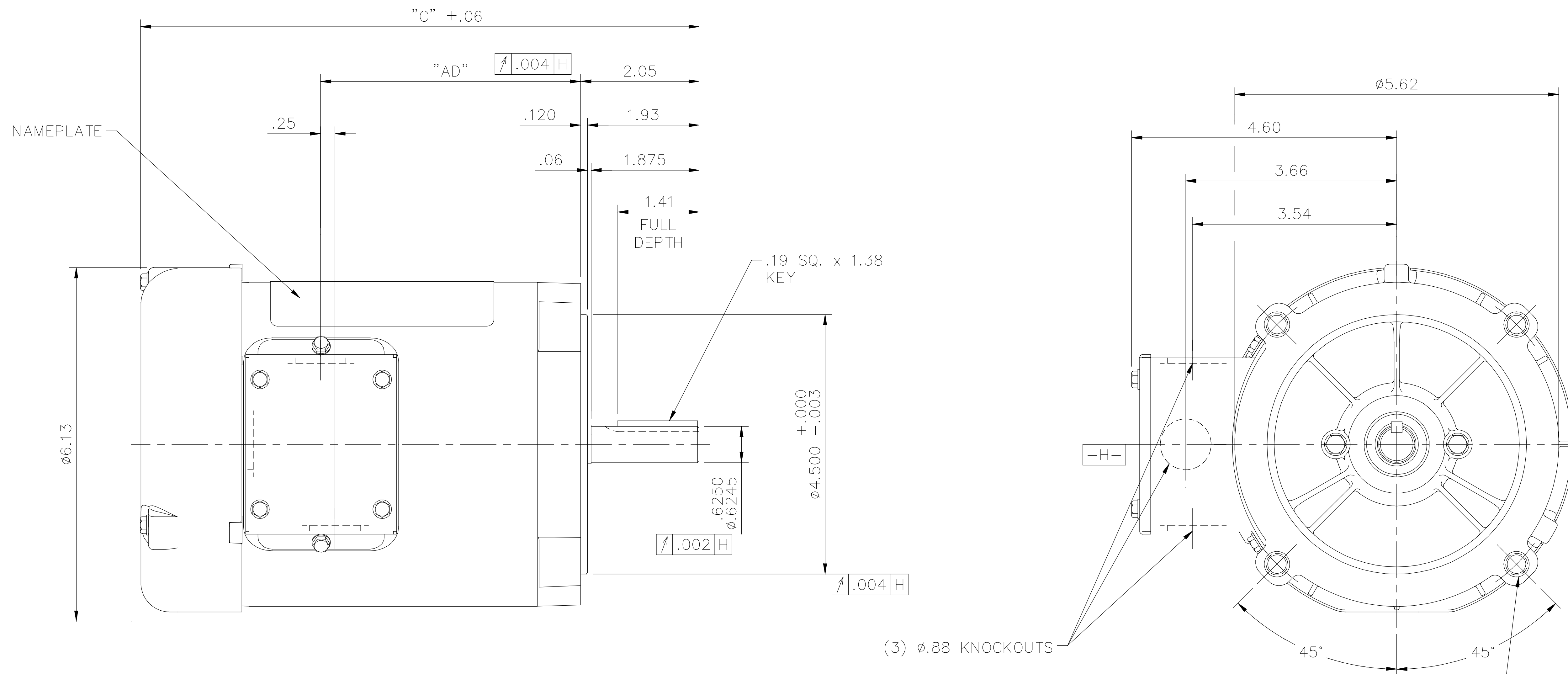


Nameplate Specifications

Phase	3	Output HP	0.50 & 0.50 Hp
Output KW	0.37 & 0.37 kW	Voltage	230/460 & 208-230/460 V
Speed	1725 & 1425 rpm	Service Factor	1.15 & 1.15
Frame	S56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	78 & 78 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	1.8/9 & 2.2/1.1 A	Power Factor	68
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	L
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	19 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	NEMA 56	Overall Length	10.44 in
Shaft Diameter	0.625 in	Shaft Extension	1.875 in
Assembly/Box Mounting	F1 ONLY	Inverter Load	CONSTANT 2:1
Outline Drawing	031637-575	Connection Drawing	005010.01



DASH NO.	"C"	"AD"
475	9.44	4.25
500	9.69	4.50
525	9.94	4.75
550	10.19	5.00
575	10.44	5.25
600	10.69	5.50
625	10.94	5.75
650	11.19	6.00
675	11.44	6.25
700	11.69	6.50
725	11.94	6.75
750	12.19	7.00

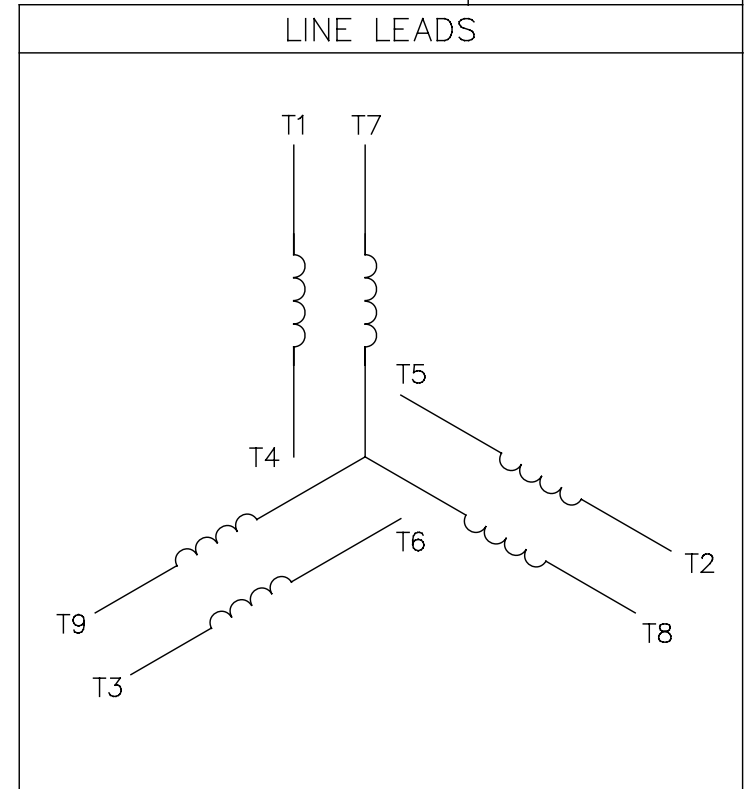
3/8-16 UNC 2B TAP x .56 DEEP
(4) REQ'D. ON A ø5.875 B.C.

GASKETS THROUGHOUT

		TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.		DRAWN PG 7/12/01	
		DEC.	INCHES			CHK	
		.X	±.1			APPD PG 7/12/01	
03	UPDATED SHAFT KEYWAY VIEW	UD	11/27/18	.XX	±.03	TITLE OUTLINE - S56C FRAME	
02	ADDED DASH NO. 475 TO TABLE (102184.00)	PG	9/19/02	.XXX	±.005	"C" FACE MOUNT - TEFC	
01	REVISED CALLOUT FOR GD&T	KMM	6/6/02	PG	.XXXX ±.0005	MAT'L. 3 PHASE	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	CAD FILE	031637	SIZE B
				DIST	DRAWING NO. 031637		REV. 02

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		REGAL ™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1			APPD		
				.XX	±.01			SCALE 1=1		
				.XXX	±.005	TITLE		REF FIG.2-51		
A	UPDATED TO REGAL LOGO		SAJ 06/26/15	AJY	.XXXX ±.0005	MAT'L.		FMF		
NO.	REVISION		BY & DATE	CHK	ANG ±1/2"	FINISH		PREV		
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				DIST	BRF-NLV			A	005010-01	A